

INTERNATIONAL SEARCH REPORT

International Application No

PCT/NO2004/000393

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K49/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, EMBASE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 800 831 A (DAIICHI PURE CHEMICALS CO. LTD; DAIICHI PURE CHEMICALS CO., LTD) 15 October 1997 (1997-10-15) page 2, line 50 page 7, line 37 example 12 page 17, lines 27-49 claim 1 ----- -/--	1, 3, 5, 7-13



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

9 May 2005

Date of mailing of the international search report

23/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Veronese, A

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 00/61194 A (INSTITUT FUER DIAGNOSTIKFORSCHUNG GMBH AN DER FREIEN UNIVERSITAET BERL) 19 October 2000 (2000-10-19) page 1, paragraph 1-3 page 3, paragraph 1-3 page 3, line 25 page 14, lines 13-30 claims 1,27 page 92, line 10</p>	1-3,6-13
X	<p>EP 1 170 021 A (SHERING AKTIENGESELLSCHAFT) 9 January 2002 (2002-01-09) paragraphs '0026!, '0027! page 12, lines 6,9,10 paragraphs '0003! - '0006!; claim 1</p>	1-3,6-13
X	<p>WO 01/91805 A (BRACCO RESEARCH USA; VON WRONSKI, MATHEW, A; MARINELLI, EDMUND, R; NUN) 6 December 2001 (2001-12-06) page 3, line 29 - page 4, line 28 page 5, lines 10-21 See page 97, "BRU-317"; page103, "BRU-326"; page 114, "BRU-346", page 120, "BRU-239". claims 1,10,47-53</p>	1-3,6-8
X	<p>WO 98/47541 A (NYCOMED IMAGING AS; COCKBAIN, JULIAN, RODERICK, MICHAELSON; KLAIVENESS,) 29 October 1998 (1998-10-29) See page 5, lines 1-4: vascular endothelial growth factors. page 70, paragraph 3 - page 86, paragraph 3 claims 1,4</p>	1-3,6-8
X	<p>MARCHI-ARTZNER, VALERIE ET AL: "Adhesion of Arg-Gly-Asp (RGD) Peptide Vesicles onto an Integrin Surface: Visualization of the Segregation of RGD Ligands into the Adhesion Plaques by Fluorescence" LANGMUIR , 19(3), 835-841 CODEN: LANGD5; ISSN: 0743-7463, 2003, XP002326372 the whole document</p>	1-3,6,7
Y	<p>WO 00/71162 A (MALLINCKRODT INC) 30 November 2000 (2000-11-30) page 1, line 28 - page 2, line 2; claims; figures; examples</p>	1-13

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	ACHILEFU S ET AL: "NOVEL RECEPTOR-TARGETED FLUORESCENT CONTRAST AGENTS FOR IN VIVO TUMOR IMAGING" INVESTIGATIVE RADIOLOGY, PHILADELPHIA, PA, US, vol. 35, no. 8, 2000, pages 479-485, XP000978923 the whole document -----	1-13
Y	DATABASE MEDLINE 'Online! US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US; May 1995 (1995-05), FLÉJOU J F ET AL: "'Overexpression of protein p53 and Barrett esophagus. A frequent and early event in the course of carcinogenesis!" XP002326189 Database accession no. NLM7589998 abstract & GASTROENTEROLOGIE CLINIQUE ET BIOLOGIQUE. MAY 1995, vol. 19, no. 5, May 1995 (1995-05), pages 475-481, ISSN: 0399-8320 -----	1-13
Y	DATABASE MEDLINE 'Online! US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US; June 1996 (1996-06), CASTELLÀ E ET AL: "Expression of CD44H and CD44v3 in normal oesophagus, Barrett mucosa and oesophageal carcinoma." XP002326190 Database accession no. NLM8763264 abstract & JOURNAL OF CLINICAL PATHOLOGY. JUN 1996, vol. 49, no. 6, June 1996 (1996-06), pages 489-492, ISSN: 0021-9746 -----	1-13
Y	DATABASE MEDLINE 'Online! US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US; 1999, SEERY J P ET AL: "Abnormal expression of the E-cadherin-catenin complex in dysplastic Barrett's oesophagus." XP002326191 Database accession no. NLM10606424 abstract & ACTA ONCOLOGICA (STOCKHOLM, SWEDEN) 1999, vol. 38, no. 7, 1999, pages 945-948, ISSN: 0284-186X ----- -/--	1-13

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>DATABASE EMBASE 'Online! ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL; 15 July 1998 (1998-07-15), WILSON K T ET AL: "Increased expression of inducible nitric oxide synthase and cyclooxygenase-2 in Barrett's esophagus and associated adenocarcinomas" XP002326192 Database accession no. EMB-1998243164 abstract & CANCER RESEARCH 15 JUL 1998 UNITED STATES, vol. 58, no. 14, 15 July 1998 (1998-07-15), pages 2929-2934, ISSN: 0008-5472</p>	1-13
E	<p>WO 2005/002293 A (VANDERBILT UNIVERSITY; MARNETT, LAWRENCE, J; TIMOFEEVSKI, SERGEI; PRUD) 6 January 2005 (2005-01-06) page 50, lines 17,27; example 4 claims 1,34</p>	1-4,6-13
E	<p>WO 2005/030266 A (AMERSHAM HEALTH AS; KLAVENESS, JO; JOHANNESSEN, EDVIN; TOLLESHAUG, HELG) 7 April 2005 (2005-04-07) claims; examples</p>	1-8
A	<p>WO 01/89584 A (NYCOMED IMAGING AS; KLAVENESS, JO; TOLLESHAUG, HELGE; AMERSHAM HEALTH) 29 November 2001 (2001-11-29) page 21, paragraphs 2,3; claims; example 1</p>	4
A	<p>US 5 888 743 A (DAS ET AL) 30 March 1999 (1999-03-30) the whole document</p>	1-13

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national application No.
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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 10-13 are directed to a diagnostic method practised on the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0800831	A	15-10-1997	AT 264694 T	15-05-2004
			AU 4497096 A	21-08-1996
			DE 69632244 D1	27-05-2004
			DE 69632244 T2	14-04-2005
			EP 0800831 A1	15-10-1997
			NO 973484 A	30-09-1997
			US 5968479 A	19-10-1999
			CA 2211470 A1	08-08-1996
			CN 1180316 A , C	29-04-1998
			JP 9127115 A	16-05-1997
			WO 9623525 A1	08-08-1996
WO 0061194	A	19-10-2000	DE 19917713 A1	19-10-2000
			AT 259246 T	15-02-2004
			AU 769392 B2	22-01-2004
			AU 4291100 A	14-11-2000
			BG 105988 A	28-06-2002
			BR 0009658 A	15-01-2002
			CA 2368490 A1	19-10-2000
			CN 1351505 A	29-05-2002
			CZ 20013562 A3	15-05-2002
			DE 50005261 D1	18-03-2004
			DK 1176987 T3	14-06-2004
			EE 200100521 A	16-12-2002
			WO 0061194 A2	19-10-2000
			EP 1176987 A2	06-02-2002
			EP 1281405 A2	05-02-2003
			ES 2215641 T3	16-10-2004
			HR 20010833 A2	31-08-2004
			HU 0202990 A2	28-12-2002
			JP 2002541219 T	03-12-2002
			MX PA01010174 A	20-08-2003
			NO 20014911 A	06-12-2001
			NZ 514533 A	26-09-2003
			NZ 522135 A	28-05-2004
			NZ 522136 A	28-05-2004
			PL 351766 A1	16-06-2003
			PT 1176987 T	30-06-2004
			SK 14152001 A3	04-04-2002
			US 6630570 B1	07-10-2003
			ZA 200109238 A	10-02-2003
EP 1170021	A	09-01-2002	EP 1170021 A2	09-01-2002
WO 0191805	A	06-12-2001	AU 6669601 A	11-12-2001
			CA 2410887 A1	06-12-2001
			EP 1289565 A2	12-03-2003
			JP 2004500854 T	15-01-2004
			WO 0191805 A2	06-12-2001
			US 2002147136 A1	10-10-2002
WO 9847541	A	29-10-1998	AT 270116 T	15-07-2004
			AU 733477 B2	17-05-2001
			AU 4718297 A	22-05-1998
			AU 733495 B2	17-05-2001
			AU 4786697 A	22-05-1998
			AU 4786797 A	22-05-1998
			AU 4787097 A	22-05-1998

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/N02004/000393

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9847541	A	AU 7068798 A	13-11-1998
		BG 103438 A	31-01-2000
		BG 103439 A	31-01-2000
		BR 9712683 A	19-10-1999
		BR 9713978 A	02-05-2000
		CA 2269985 A1	07-05-1998
		CA 2270120 A1	07-05-1998
		CN 1440816 A	10-09-2003
		CN 1238700 A	15-12-1999
		CN 1234742 A	10-11-1999
		CZ 9901494 A3	15-09-1999
		DE 69824842 D1	05-08-2004
		EP 1442751 A1	04-08-2004
		EP 1007101 A2	14-06-2000
		EP 0973552 A2	26-01-2000
		EP 0991427 A2	12-04-2000
		EP 0963209 A2	15-12-1999
		EP 0977600 A2	09-02-2000
		ES 2224379 T3	01-03-2005
		WO 9818500 A2	07-05-1998
		WO 9818501 A2	07-05-1998
		WO 9818495 A2	07-05-1998
		WO 9818498 A2	07-05-1998
		WO 9847541 A1	29-10-1998
		HU 0000357 A2	28-06-2000
		JP 2001511765 T	14-08-2001
		JP 2001503407 T	13-03-2001
		JP 2002515889 T	28-05-2002
		JP 2001502719 T	27-02-2001
		JP 2002511845 T	16-04-2002
		KR 2000052829 A	25-08-2000
		KR 2000052830 A	25-08-2000
		NO 991889 A	28-06-1999
		NO 991890 A	28-06-1999
		NZ 335596 A	27-10-2000
		NZ 335799 A	24-11-2000
		US 6610269 B1	26-08-2003
		US 2004009122 A1	15-01-2004
		US 2004141922 A1	22-07-2004
		US 2005002865 A1	06-01-2005
		US 2002102215 A1	01-08-2002
WO 0071162	A	30-11-2000	
		US 6217848 B1	17-04-2001
		AU 4488800 A	12-12-2000
		CA 2373475 A1	30-11-2000
		EP 1178830 A2	13-02-2002
		JP 2003500367 T	07-01-2003
WO 2005002293	A	06-01-2005	
		US 2005002859 A1	06-01-2005
		WO 2005002293 A2	06-01-2005
WO 2005030266	A	07-04-2005	
		WO 2005030266 A2	07-04-2005
WO 0189584	A	29-11-2001	
		AU 7468301 A	03-12-2001
		EP 1283728 A2	19-02-2003
		JP 2003534297 T	18-11-2003
		WO 0189584 A2	29-11-2001

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Information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0189584	A	US 2003170173 A1	11-09-2003
US 5888743	A	30-03-1999	NONE